(19) World Intellectual Property **Organization** International Bureau



(43) International Publication Date 2 June 2005 (02.06.2005)

(10) International Publication Number WO 2005/050585 A1

(51) International Patent Classification7:

G08C 15/00

(21) International Application Number:

PCT/KR2004/002990

(22) International Filing Date:

18 November 2004 (18.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2003-0081794

18 November 2003 (18.11.2003) KR

10-2003-0081795

18 November 2003 (18.11.2003) KR

(71) Applicant and

(72) Inventor: LEE, Sam Hyeon [KR/KR]; 106-1205 Beyeoksan APT,#455, Hongeun-dong,, Seodaemun-gu, 120-100

kind of national protection available): AE, AG, AL, AM,

Seoul (KR).

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

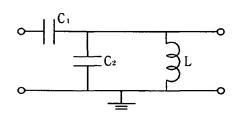
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

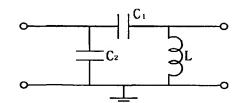
Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEVICE FOR INDIVISUAL CONTROL OF MULTIPLE CIRCUIT-UNITS USING SINGLE CABLE AND METHOD THEREOF





(57) Abstract: Disclosed is a control device and method for individually controlling plural circuit-units connected along a single cable. The control device comprises a central unit, a cable emanating from the central unit, and plural circuit-units connected to the cable in parallel and each provided with a band pass filter having a frequency band different from those of any other band pass filters provided for the other circuit-units. If the central unit selects a carrier frequency and sends the carrier with a control signal through the cable, the control signal is transmitted only to the selected circuit-unit to control the circuit-unit because the signal does not pass through a band pass filter of a circuit-unit that does not match with the signal in frequency.

